

2853



Appl. No. 10/080,883.
Supplemental Information Disclosure Statement dated August 7, 2003

#6
Suppl. IDS
DSma/18-Logan
10/28/03

Application No. : 10/080,883 ✓
Applicant(s) : Bouchard et al.
Filed : February 22, 2002
Title : HIGH SPEED PHOTO-PRINTING APPARATUS
TC/A.U. : 2853

Examiner : TBD

Docket No. : 8541-CIP

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit this Statement in accordance with their duty of disclosure under 37 CFR §1.56 and prior to any Office Action.

It is respectfully requested that each of the documents listed below be considered and made of record in the above-identified application. No admission is being made that these references are prior art, and applicant reserves the right to challenge such a conclusion.

- 1) U.S. Patent No. 4,385,302;
- 2) U.S. Patent No. 4,447,818;
- 3) U.S. Patent No. 4,540,992;
- 4) U.S. Patent No. 4,686,549;
- 5) U.S. Patent No. 5,694,484;
- 6) U.S. Patent No. 5,244,861;
- 7) U.S. Patent No. 5,809,164;
- 8) U.S. Patent No. 6,069,982;
- 9) U.S. Patent No. 6,128,415;
- 10) U.S. Patent No. 5,285,220;

- 11) U.S. Patent No. 4,739,344;
- 12) EP 0 204 094;
- 13) EP 0 791 472 A2;
- 14) EP 1 201 449 A2;
- 15) EP 0 625 425 A2;
- 16) EP 1 004 442 A2;
- 17) "Digital Halftoning", Chapters 5 and 6;
- 18) "New Thermal Offset Printing Employing Dye Transfer Technology"; pp. 1-2;
- 19) U.S. Patent No. 5,623,581;
- 20) U.S. Patent No. 5,664,253;
- 21) U.S. Patent No. 5,913,019;
- 22) U.S. Patent No. 5,711,620;
- 23) U.S. Patent No. 5,569,347;
- 24) U.S. Patent No. 5,521,626;
- 25) U.S. Patent No. 5,897,254;
- 26) U.S. Patent No. 5,995,654;
- 27) U.S. Patent No. 3,820,133;
- 28) U.S. Patent No. 3,864,708;
- 29) EP 1 078 750 A2;
- 30) "New Thermal Offset Printing Employing Dye Transfer Technology", pp. 499-503;
- 31) U.S. Patent No. 4,072,973;
- 32) U.S. Patent No. 4,089,017;
- 33) U.S. Patent No. 4,738,526;
- 34) U.S. Patent No. 4,805,033;
- 35) U.S. Patent No. 4,809,063;
- 36) U.S. Patent No. 4,884,080;
- 37) U.S. Patent No. 5,721,578;
- 38) U.S. Patent No. 5,786,900;
- 39) U.S. Patent No. 5,818,474;

- 40) U.S. Patent No. 6,005,596;
- 41) U.S. Patent No. 6,226,021 B1;
- 42) U.S. Patent No. 6,293,651 B1;
- 43) U.S. Patent No. 5,323,245;
- 44) U.S. Patent No. 5,602,653;
- 45) U.S. Patent No. 5,777,599;
- 46) U.S. Patent No. 5,956,421;
- 47) U.S. Patent No. 6,104,502;
- 48) U.S. Patent No. 6,108,105;
- 49) U.S. Patent No. 4,070,587;
- 50) U.S. Patent No. 4,284,876;
- 51) U.S. Patent No. 4,309,712;
- 52) U.S. Patent No. 4,347,518;
- 53) U.S. Patent No. 4,364,063;
- 54) U.S. Patent No. 4,391,535;
- 55) U.S. Patent No. 4,415,908;
- 56) U.S. Patent No. 4,443,121;
- 57) U.S. Patent No. 4,464,669;
- 58) U.S. Patent No. 4,514,738;
- 59) U.S. Patent No. 4,524,368;
- 60) U.S. Patent No. 4,563,691;
- 61) U.S. Patent No. 4,607,262;
- 62) U.S. Patent No. 4,688,051;
- 63) U.S. Patent No. 5,006,866;
- 64) U.S. Patent No. 5,066,961;
- 65) U.S. Patent No. 5,086,306;
- 66) U.S. Patent No. 5,115,252;
- 67) U.S. Patent No. 5,132,703;
- 68) U.S. Patent No. 5,162,813;
- 69) U.S. Patent No. 5,184,150;
- 70) U.S. Patent No. 5,248,995;

- 71) U.S. Patent No. 5,268,706;
- 72) U.S. Patent No. 5,576,745;
- 73) U.S. Patent No. 5,623,297;
- 74) U.S. Patent No. 5,644,351;
- 75) U.S. Patent No. 5,539,443;
- 76) U.S. Patent No. 5,719,615;
- 77) U.S. Patent No. 5,800,075;
- 78) U.S. Patent No. 5,808,653;
- 79) U.S. Patent No. 5,132,709;
- 80) U.S. Patent No. 5,422,662;
- 81) U.S. Patent No. 5,642,148;
- 82) U.S. Patent No. 5,646,672;
- 83) U.S. Patent No. 5,706,044;
- 84) U.S. Patent No. 5,841,461;
- 85) U.S. Patent No. 5,889,546;
- 86) U.S. Patent No. 5,999,204;
- 87) U.S. Patent No. 6,186,683 B1;
- 88) U.S. Patent No. 5,479,263;
- 89) U.S. Patent No. 6,128,099;
- 90) U.S. Patent No. 6,425,699 B1;
- 91) U.S. Patent No. 5,109,235;
- 92) U.S. Patent No. 5,469,203;
- 93) U.S. Patent No. 5,625,399;
- 94) U.S. Patent No. 5,784,092;
- 95) EP 0 619 188 A2;
- 96) GB 2 356 375 A;
- 97) WO 01/01669 A1;
- 98) EP 0 626 0611 A1;
- 99) U.S. Patent No. 5,786,837;
- 100) U.S. Patent No. 5,497,174;
- 101) Patent Application S. N. 10/078,644;

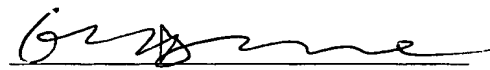
- 102) Patent Application S.N. 09/817,932;
- 103) Patent Application S. N. 09/934,703;
- 104) Patent Application S. N. 10/147,198;
- 105) U.S. Patent No. 4,638,372;
- 106) U.S. Patent No. 5,956,067;
- 107) U.S. Patent No. 6,104,421;
- 108) Patent Abstract JP 02-248264;
- 109) Patent Abstract JP 02-289364;
- 110) Patent Abstract JP 03-024972;
- 111) Patent Abstract JP 58-164368;
- 112) Patent Abstract JP 59-127781; and
- 113) International Search Report dated April 8, 2003.

For the convenience of the examiner and to facilitate their citation, applicants submit herewith a completed form PTO-1449 (Rev. 2-32) along with a copy of each of the listed references.

Applicants make no representation that a thorough search has been conducted. It is expected that the Patent and Trademark Office will conduct a complete independent search.

Should any fee be required, please charge the fee to the deposit account of Polaroid Corporation, Account No. 16-2195. A duplicate copy of this paper is attached.

Respectfully submitted,


Gaetano D. Maccarone
Reg. No. 25,173

Polaroid Corporation
Patent Department
1265 Main Street
Waltham, MA 02451
Tel: (781) 386-6405
Fax: (781) 386-6435

Enclosures: Form PTO-1449 with copies of references

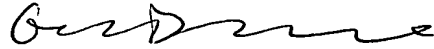
Appl. No. 10/080,883

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CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: August 7, 2003



Gaetano D. Maccarone
Registration No. 25,173

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 8541/GDM	SERIAL NO. 10/080,883
	APPLICANT Bouchard et al.	
	FILING DATE February 22, 2002	GROUP 2853

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,385,302	5/24/1983	Moriguchi et al.	346/76		10/16/1981
	4,447,818	5/08/1984	Kurata et al.	346/76		2/17/1982
	4,540,992	9/10/1985	Moteki et al.	346/76		4/7/1983
	4,686,549	8/11/1987	Williams et al.	503/227		12/16/1985
	5,694,484	12/2/1997	Cottrell et al.	382/167		5/15/1995
	5,244,861	9/14/1993	Campbell et al.	503/227		7/31/1992
	5,809,164	9/15/1998	Hultgren, III	382/162		3/7/1996
	6,069,982	5/30/2000	Reuman	382/275		12/23/1997
	6,128,415	10/3/2000	Hultgren, III et al.	382/276		9/6/1996
	5,285,220	2/8/1994	Suzuki et al.	346/140		6/25/1992
	4,739,344	4/19/1998	Sullivan, et al.	346/76.1		2/27/1987

FOREIGN PATENT DOCUMENTS

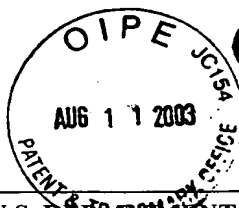
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 204 094	10.12.86	Europe	H04N	1/40	X	
	0 791 472 A2	27.08.97	Europe	B41J	19/78	X	
	1 201 449 A2	02.05.02	Europe	B41J	29/393	X	
	0 625 425 A2	23.11.94	Europe	B41J	2/36	X	
	1 004 442 A2	31.05.00	Europe	B41J	2/05	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

		"Digital Halftoning", Robert Ulichney, Cambridge, MA, the MIT Press (1987), ISBN, 0-262-21009-6, Chapters 5 and 6
	—	"NIP17: International Conference on Digital Printing Technologies", Marriott Harbor Beach Resort, Fort Lauderdale, Florida, Sept. 30 – Oct. 5, 2001, <u>New Thermal Offset Printing Employing Dye</u>
	—	Transfer Technology (Tandem TOP-D), N. Taguchi, Y. Oochi, K. Nago, Y. Shimazaki and S. Yoshida, AVC Company, Matsushita Electric Industrial Co., Ltd. (Japan)

EXAMINER	DATE CONSIDERED
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***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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				APPLICANT Bouchard et al.			
				FILING DATE February 22, 2002		GROUP 2853	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,623,581	4/22/1997	Attenberg	358/1.6		1/22/1996
		5,664,253	9/2/1997	Meyers	396/603		4/4/1996
		5,913,019	6/15/1999	Attenberg	358/1.18		11/19/1997
		5,711,620	1/27/1998	Sasaki et al.	400/120.02		9/26/1996
		5,569,347	10/29/1996	Obata et al.	156/235		12/20/1994
		5,521,626	5/28/1996	Tanaka et al.	347/183		10/12/1993
		5,897,254	4/27/1999	Tanaka et al.	400/120.07		7/11/1997
		5,995,654	11/30/1999	Buhr et al.	382/162		4/28/1998
		3,820,133	06/25/1974	Adorney et al.	354/60		
		3,864,708	02/04/1975	Allen	354/290		

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		1 078 750 A2	28.02.01	Europe	B41J	2/05	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
			"NIP17: International Conference on Digital Printing Technologies", New Thermal Offset Printing Employing Dye Transfer Technology (Tandem TOP-D), N. Taguchi, Y. Oochi, K. Nago,
		—	Y. Shimazaki and S. Yoshida, AVC R&DD Group, AVC Company, Matsushita Electric Industrial Co., Ltd., Moriguchi, Osaka, Japan, pages 499-503
		—	

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		4,072,973	02/07/78	Mayo	354	295	
		4,089,017	05/09/78	Buldini	354	81	
		4,738,526	04/19/88	Larish	354	412	
		4,805,033	02/14/89	Nishikawa	358	298	
		4,809,063	02/28/89	Moriguchi et al.	358	75	
		4,884,080	11/28/89	Hirahara et al.	346	46	
		5,721,578	02/24/98	Nakai et al.	347	183	
		5,786,900	07/28/98	Sawano	358	298	
		5,818,474	10/06/98	Takahashi et al.	347	15	
		6,005,596	12/21/99	Yoshida et al.	347	176	
		6,226,021 B1	05/01/01	Kobayashi et al.	347	183	

FOREIGN PATENT DOCUMENTS

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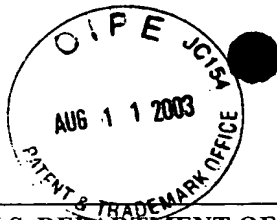
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		6,293,651 B1	09/25/01	Sawano	347	40	
		5,323,245	06/21/94	Rylander	358	536	
		5,602,653	02/11/97	Curry	358	454	
		5,777,599	07/07/98	Poduska, Jr.	345	136	
		5,956,421	09/21/99	Tanaka et al.	382	172	
		6,104,502	08/15/00	Shiomi	358	1.9	
		6,108,105	08/22/00	Takeuchi et al.	358	455	
		4,070,587	01/24/78	Hanakata	307	141	
		4,284,876	08/18/81	Ishibashi et al.	219	216	
		4,309,712	01/05/82	Iwakura	346	76 PH	
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		4,347,518	08/31/82	Williams et al.	346	1.1		
		4,364,063	12/14/82	Anno et al.	346	76H		
		4,391,535	07/05/83	Palmer	400	120		
		4,415,908	11/15/83	Sugiura	346	76 PH		
		4,443,121	04/17/84	Arai	400	120		
		4,464,669	08/07/84	Sekiya et al.	346	76 PH		
		4,514,738	04/30/85	Nagato et al.	346	76 PH		
		4,524,368	06/18/85	Inui et al.	346	76 PH		
		4,563,691	01/07/86	Noguchi et al.	346	76		
		4,607,262	08/19/86	Moriguchi et al.	346	76 PH		
		4,688,051	08/18/87	Kawakami et al.	346	76 PH		
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		5,006,866	04/09/91	Someya	346	76 PH	
		5,066,961	11/19/91	Yamashita	346	76 PH	
		5,086,306	02/04/92	Sasaki	346	76 PH	
		5,115,252	05/19/92	Sasaki	346	76 PH	
		5,132,703	07/21/92	Nakayama	346	76 PH	
		5,162,813	11/10/92	Kuroiwa et al.	346	1.1	
		5,184,150	02/02/93	Sugimoto	346	76 PH	
		5,248,995	09/28/93	Izumi	346	76 PH	
		5,268,706	12/07/93	Sakamoto	346	76 PH	
		5,576,745	11/19/96	Matsubara	347	14	

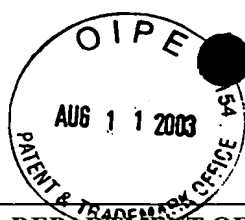
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		5,623,297	04/22/97	Austin et al.	347	194	
		5,644,351	07/01/97	Matsumoto et al.	347	194	
		5,539,443	07/23/96	Mushika et al.	347	194	
		5,719,615	02/17/98	Hashiguchi et al.	347	195	
		5,800,075	09/01/98	Katsuma et al.	400	120.14	
		5,808,653	09/15/98	Matsumoto et al.	347	194	
		5,132,709	07/21/92	West	346	76 PH	
		5,422,662	06/06/95	Fukushima et al.	342	211	
		5,642,148	06/24/97	Fukushima et al.	347	211	
		5,646,672	07/08/97	Fukushima	347	211	
		5,706,044	01/06/98	Fukushima	347	211	
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		5,889,546	03/30/99	Fukuoka	347	188	
		5,999,204	12/07/99	Kojima	347	194	
		6,186,683 B1	02/13/01	Shibuki	400	120.08	
		5,479,263	12/26/95	Jacobs et al.	358	298	
		6,128,099	10/03/00	Delabastita	358	1.9	
		6,425,699 B1	07/30/02	Doval et al.	400	582	
		5,109,235	04/28/92	Sasaki	346	76 PH	
		5,469,203	11/21/95	Hauschild	347	190	
		5,625,399	04/29/97	Wiklof et al.	347	195	
		5,784,092	07/21/98	Fukuoka	347	190	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		0 619 188 A2	12.10.94	Europe	B41J	2/355	X	
		2 356 375 A	23.05.01	Great Britain	B41J	2/36	X	
		WO 01/01669 A1	04.01.01	International	H04N	1/00	X	
		0 626 611 A1	30.11.94	Europe	G03B	17/53	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
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EXAMINER	DATE CONSIDERED
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APPLICANT Bouchard et al.		
FILING DATE February 22, 2002		GROUP 2853

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,786,837	07/28/98	Kaerts et al.	347	190	
	5,497,174	03/05/96	Stephany et al.	347	13	
	S. N. 10/078,644		Bouchard et al.			02/19/02
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	6,104,421	08/15/00	Iga et al.	347	173	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
02-248264	04.10.90	Japan	B41J	2/365	X	
02-289364	29.11.90	Japan	B41J	2/36	X	
03-024972	01.02.91	Japan	B41J	2/36	X	
58-164368	29.09.83	Japan	H04N	1/22	X	
59-127781	23.07.84	Japan	B41J	3/20	X	

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